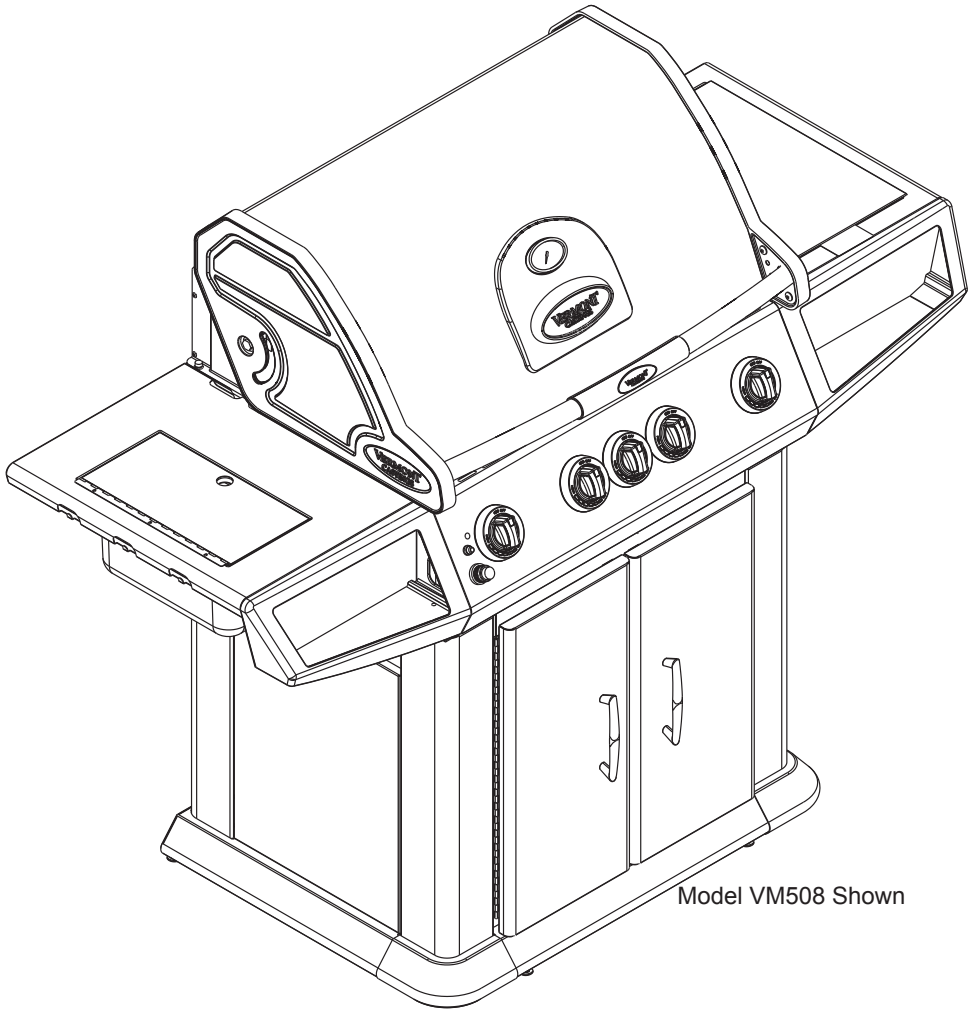
VM508 / VM658 Assembly Procedures

Tools Required: Knife or scissors, Phillips or Robertson (square head) screwdriver, 7/16” and 3/8” wrench or ratchet. The use of a manual screwdriver is strongly recommended. A power drill may cause damage to the unit or stripping of the protective coating.



Model VM508 Shown

CAUTION: This grill is intended ONLY to be used as a cart model, this grill cannot be built into an enclosure.

CAUTION: The assembly of this grill requires two (2) people.

WARNING: Some parts may have sharp edges; to avoid injury, wearing gloves during assembly, lifting or moving the grill is recommended. Protective eyewear and long sleeves are also strongly recommended.

NOTE: Remove the protective plastic coating from the stainless steel, failure to do so will void the warranty.

50004428 1/08 Rev. 4 En

ARRÊT !

STOP!

¡ALTO!

NO NEED TO RETURN TO THE STORE
Questions With The Assembly?
Require Parts Information?
Product Under Manufacturer's Warranty?

PAS BESOIN DE RETOURNER AU MAGASIN
Des questions sur l'assemblage?
De l'information sur les pièces?
Le produit est-il garanti par le fabricant?

NO ES NECESARIO QUE REGRESE A LA TIENDA
¿Tiene alguna pregunta sobre el ensamble?
¿Necesita información sobre las partes?
¿El producto tiene garantía del fabricante?

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TO HELP US HELP YOU

Fill In The Information Below:

Retain This Owner's Manual And Proof Of Purchase For Future Reference

POUR NOUS AIDER À VOUS AIDER

Veuillez remplir les données suivantes :

Conservez ce Manuel du propriétaire et preuve d'achat pour consultation ultérieure

PARA AYUDARNOS A AYUDARLE

Complete la siguiente información:

Guarde este Manual del usuario y Prueba de compra para futuras referencias

Model Number Numéro du modèle Número de modelo	Date of Purchase Date d'achat Fecha de compra	Product Serial No. Numéro de série du produit Número de serie del producto

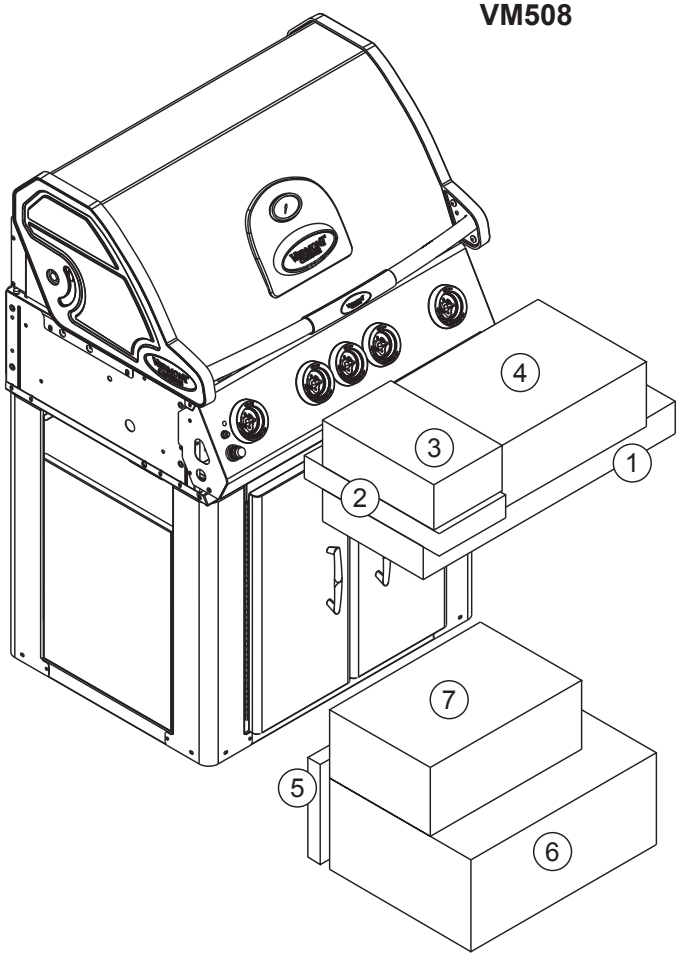
MODEL NUMBER AND PRODUCT SERIAL NUMBER CAN BE FOUND ON THE CERTIFICATION LABEL OF YOUR GRILL
LE NUMÉRO DU MODÈLE ET LE NUMÉRO DE SÉRIE DU PRODUIT SE TROUVENT SUR L'ÉTIQUETTE DE CERTIFICATION DE VOTRE BARBECUE
EL NÚMERO DE MODELO Y EL NÚMERO DE SERIE DEL PRODUCTO SE ENCUENTRA EN LA ETIQUETA DE CERTIFICACIÓN DE SU BARBACOA

Step 1: Unpack Carton and Verify Contents

Use a sharp cutting tool to cut the straps on the packaging and then lift off the carton top. Remove the box on the top. The sleeve surrounding the barbecue can be removed by lifting it straight up and over the top of the unit. Compare all contents to the parts list and the carton content lists below. Remove the protective plastic coverings from the metal parts. Be careful not to scratch or damage the finish of the metal parts when removing the protective plastic. Refer to the parts list for fastener detail.

CAUTION: Some parts may have sharp edges; to avoid injury, wearing gloves during assembly is strongly recommended.

VM508



VM508 Carton Contents
Box 1 (50004671)
Grease Tray
Cabinet Skirt Corner (2)
Cabinet Skirt Right
Cabinet Skirt Left
Cabinet Skirt Front
Grease Cup
Battery “AA”
Adjustable Leveling Glide (4)
Knobs (5)

Box 2 (50004673)
Heat Plates (4)

Box 3 (50004274)
Rotisserie Kit

Box 4 (50004181)
Side Burner Assembly

Box 5 (50004672)
Cook Grates (3)

Box 6 (50004674)
Shelf Right
Shelf Left
Cover Side Burner
Support Shelf Front Right
Support Shelf Front Left
Support Shelf Rear Right
Support Shelf Rear Left
Heat Shield Marinating Tray
Hardware Bag
Cutting Board
Marinating Tray

Box 7 (50004659)
Condiment Tray Left
Condiment Tray Right
Caster (2)
Caster w/Brake (2)

CAUTION: Some parts may have sharp edges; to avoid injury, wearing gloves during assembly, lifting or moving the grill is recommended.

Step 1: Unpack Carton and Verify Contents (continued)

VM658 Carton Contents
Box 1 (50004657)(2)
Cook Grates (2)

Box 2 (50004678)
Shelf Right
Shelf Left
Cover Side burner
Support Shelf Front Right
Support Shelf Front Left
Support Shelf Rear Right
Support Shelf Rear Left
Heat Shield Marinating Tray
Hardware Bag
Cutting Board
Marinating Tray

Box 3 (50004650)
Pull Out Tank Kit

Box 4 (50004660)
Heat Plates (5)

Box 5 (50003669)
Shelf Light Kit

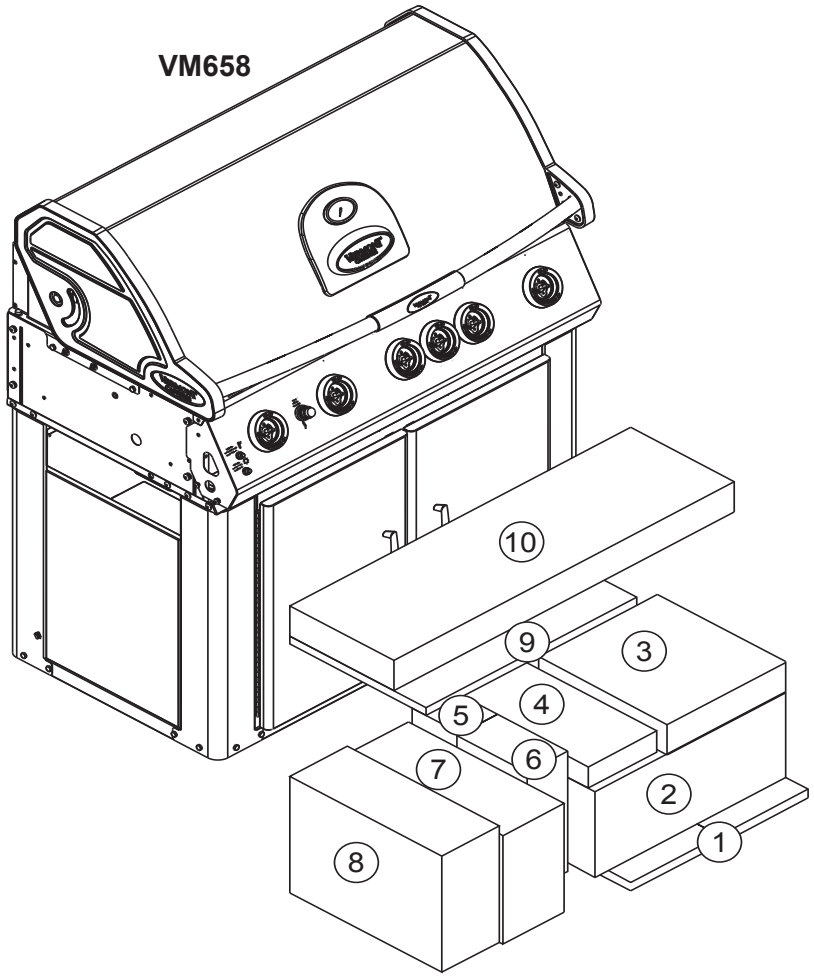
Box 6 (50004274)
Rotisserie Kit

Box 7 (50004659)
Condiment Tray Left
Condiment Tray Right
Caster (2)
Caster w/Brake (2)

Box 8 (50004181)
Side Burner Assembly

Box 9 (50004662)
Internal Shelf
Hardware - Internal Shelf

VM658



Box 10 (50004658)
Grease Tray
Cabinet Skirt Corner (2)
Cabinet Skirt Right
Cabinet Skirt Left
Cabinet Skirt Front
Grease Cup
Adjustable Leveling Glide (4)
Battery “AA”
Knobs (6)

CAUTION: Some parts may have sharp edges; to avoid injury, wearing gloves during assembly, lifting or moving the grill is recommended.

Step 2: Install the Casters

This step requires 2 people.

Parts Required:

(4) Casters (2 with brake, rear; 2 without brake, front)
(1) Block (not included)
(16) 1/4-20 Flange Nut (50001176)

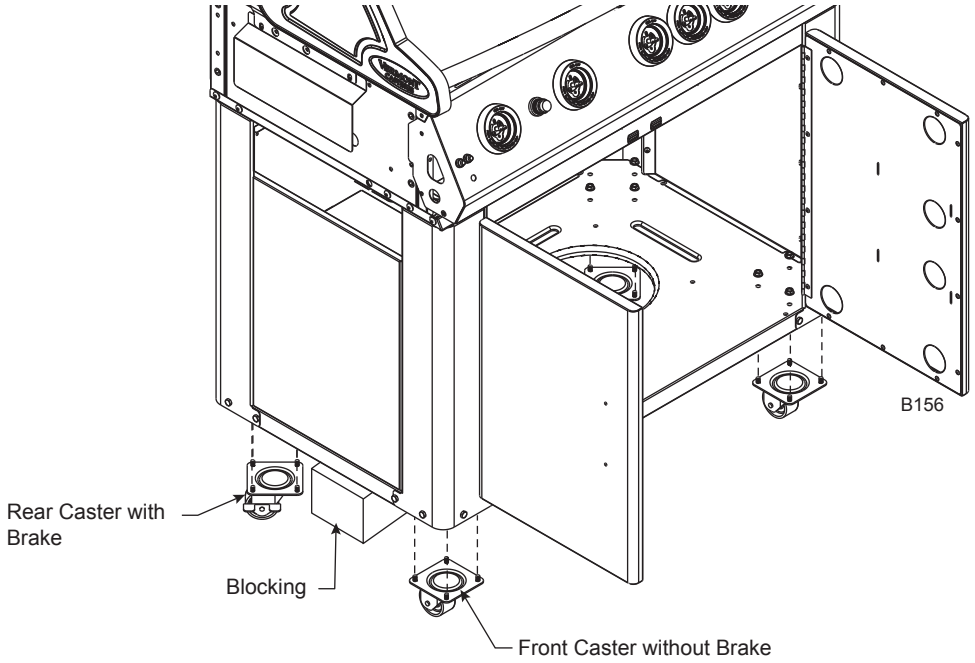
Figure 1

NOTE: Casters (wheels) may differ from those shown in the illustration depending on the model you purchased.

Select a side to begin installing the casters. Place a block of wood, thick telephone book or anything else available - approximately 6 inches thick - under the side to support the weight of the barbecue. Insert the four (4) bolts attached on the casters into their respective holes located on the bottom, near the front. If you have any difficulty snapping them into place, try rotating the casters in a circular motion.

As one person holds the front caster in place, the other opens the front door and installs four (4) flange nuts. Tighten the flange nuts on the front caster. Repeat this process with the rear caster. When both casters are in place on one side, repeat the same procedure on the opposite side.

Figure 1



CAUTION: Some parts may have sharp edges; to avoid injury, wearing gloves during assembly, lifting or moving the grill is recommended.

Step 3: Attach Skirt

Parts Required:

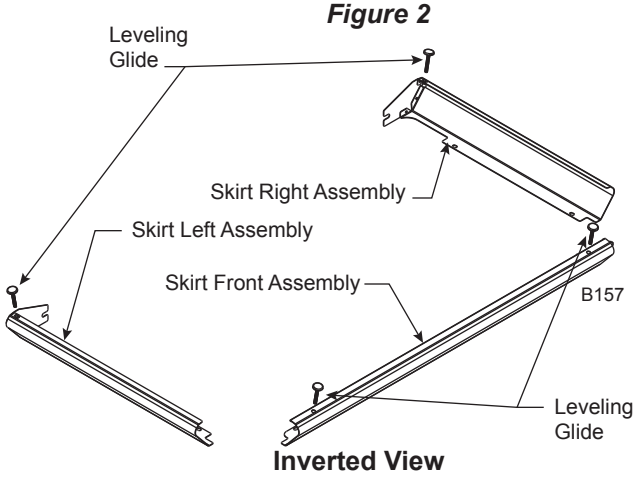
(1) Skirt Left Assembly
(1) Skirt Right Assembly
(1) Skirt Front Assembly
(2) Skirt Corner Assemblies
(7) #10-24 x 3/8" Screws (50004268)
(4) Adjustable Leveling Glide

Figures 2 & 3

Screw-in two (2) adjustable leveling glides into hex threaded insert provided in front skirt assembly.

Screw-in one (1) adjustable leveling glide into hex threaded insert provided in left and right skirt assemblies.

Figure 2



Inverted View

Attach left skirt assembly to the unit:

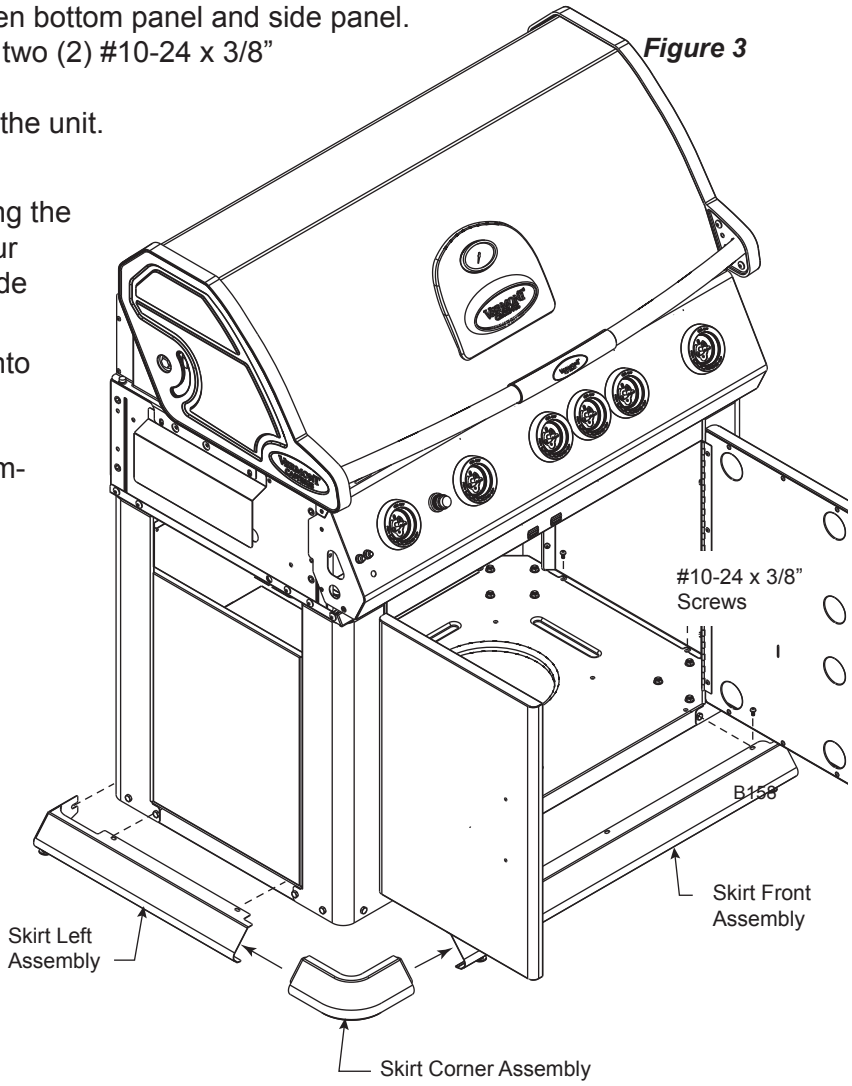
– Loosen one hex bolt from corner post. (Refer to Corner Post Detail)
– Slide left skirt assembly between bottom panel and side panel.
– Secure left skirt assembly with two (2) #10-24 x 3/8" screws.
– Tighten hex bolt at the back of the unit.

Repeat these steps for right side.

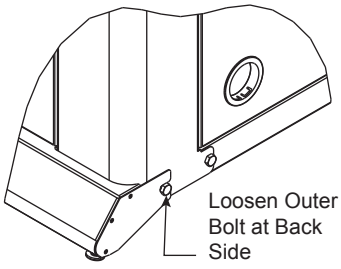
NOTE: If you have any problems sliding the skirt assembly (left or right), loosen four (4) screws on side panel and lift the side panel to allow more space.

Slide two (2) skirt corner assemblies into the front skirt assembly. Slide above assembly into attached left and right skirt assemblies. Secure all skirt assembly parts with three (3) #10-24 x 3/8" screws.

Figure 3



Corner Post/Skirt Detail



CAUTION: Some parts may have sharp edges; to avoid injury, wearing gloves during assembly, lifting or moving the grill is recommended.

Step 4: Attach Grease Cup Holder

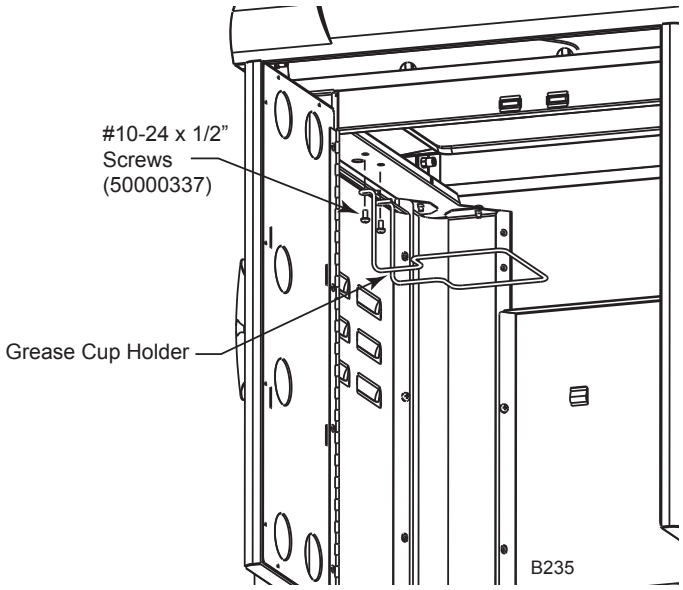
Parts Required:

(1) Grease Cup Holder
(2) #10-24 x 1/2” Screws (50000337)

Figure 4

Attach grease cup holder to the bottom of the left brace support.

Figure 4



Step 6: Grease Pan / Grease Cup Installation

Parts Required:

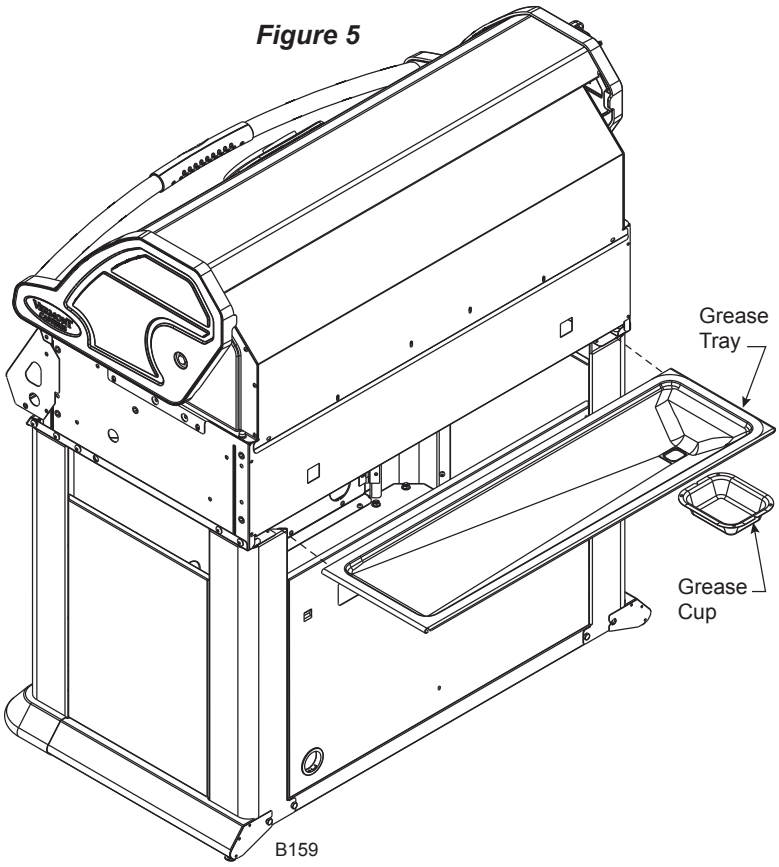
(1) Grease Pan
(1) Grease Cup

Figure 5

Install grease pan from back side of unit. **NOTE:** Be sure the grease tray is positioned with the opening in the bottom of the grease tray located over the grease cup.

Place grease cup into grease cup holder attached to bottom of left brace support.

Figure 5



CAUTION: Some parts may have sharp edges; to avoid injury, wearing gloves during assembly, lifting or moving the grill is recommended.

Steps 6 & 7: Right & Left Side Shelf Assembly

Parts Required:

Right Side Shelf	Left Side Shelf
(1) Right Side Shelf	(1) Left Side Shelf
(1) Support Shelf Rear Right	(1) Support Shelf Rear Left
(1) Support Shelf Front Right	(1) Support Shelf Front Left
(1) Condiment Tray Right	(1) Condiment Tray Left
(2) U-Type Fastener (50001507)	(2) U-Type Fastener (50001507)
(2) #10-24 x 1/2” Screws (50000337)	(2) #10-24 x 1/2” Screws (50000337)
(4) #6-32 x 3/8” Screws (50002433)	(4) #6-32 x 3/8” Screws (50002433)

Figure 6

Right Side Shelf

Insert a U-type fastener to each support shelf.

Place right side shelf on flat surface edges up.

Slide left and right support inside right side shelf. Ensure the flange of the support is to the inside of the right side shelf.

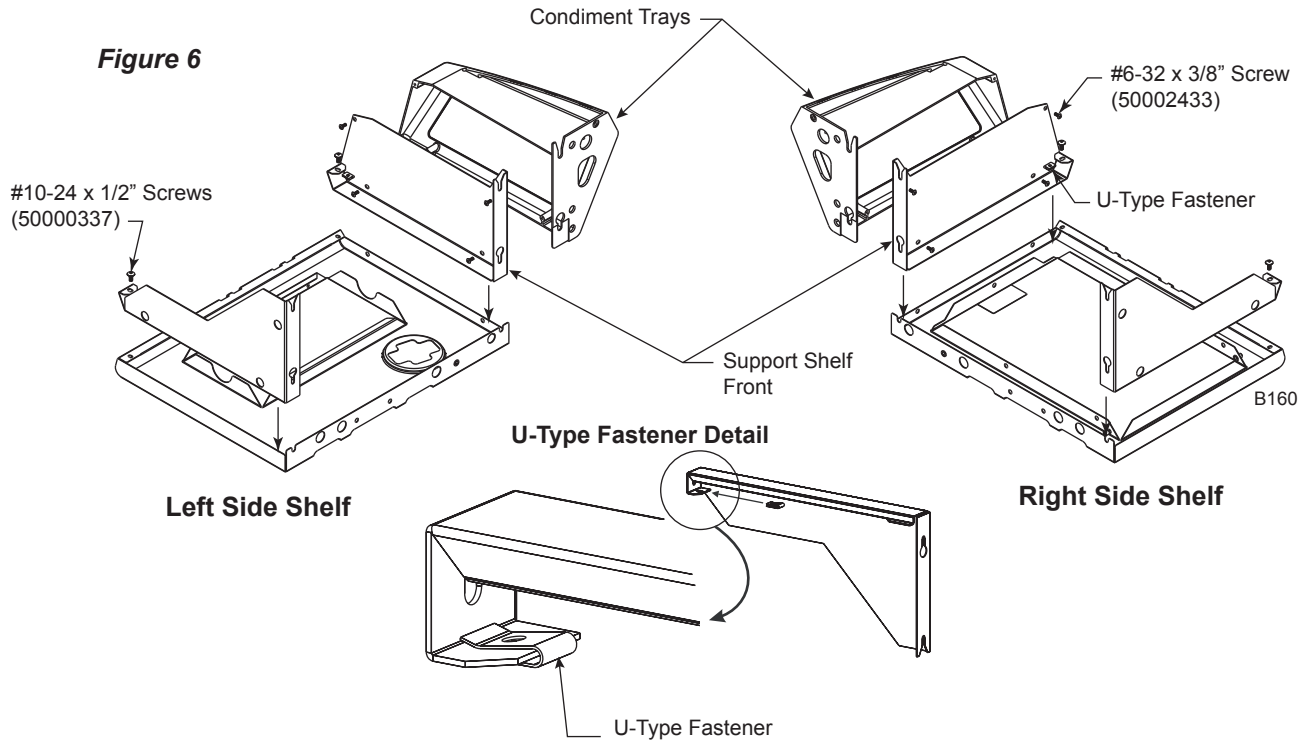
Place condiment tray at the front of the shelf.

Secure condiment tray to the support shelf with four (4) #6-32 screws.

Loosely attach two (2) #10-24 x 1/2” screws to the U-type fasteners.

Repeat steps for left side shelf.

Figure 6



CAUTION: Some parts may have sharp edges; to avoid injury, wearing gloves during assembly, lifting or moving the grill is recommended.

Step 8: Attach Right Shelf Assemblies to Grill

Parts Required:

Right Shelf Assembly

(1) Right Shelf Assy. (Step 5)
(4) 1/4-20 x 1½" Screws (50001383)
(2) #10-24 x 1/2" Screws (50000337)

Figures 7 & 8

Loosely screw in (4-5 turns) four (4) 1/4-20 x 1½" screws to the side of the grill.

Place right shelf assembly onto screws.

NOTE: Ensure the side burner ignitor wire is not pinched as the shelf assembly is placed into the unit.

Secure (tighten) four (4) screws to the grill.

Secure condiment tray to the console with two (2) #10-24 x 1/2" screws.

Tighten two (2) remaining screws. (from Step 5 and 6)

From inside grill, attach 10-24 x 1/2" screw to the right shelf assy.

Figure 7

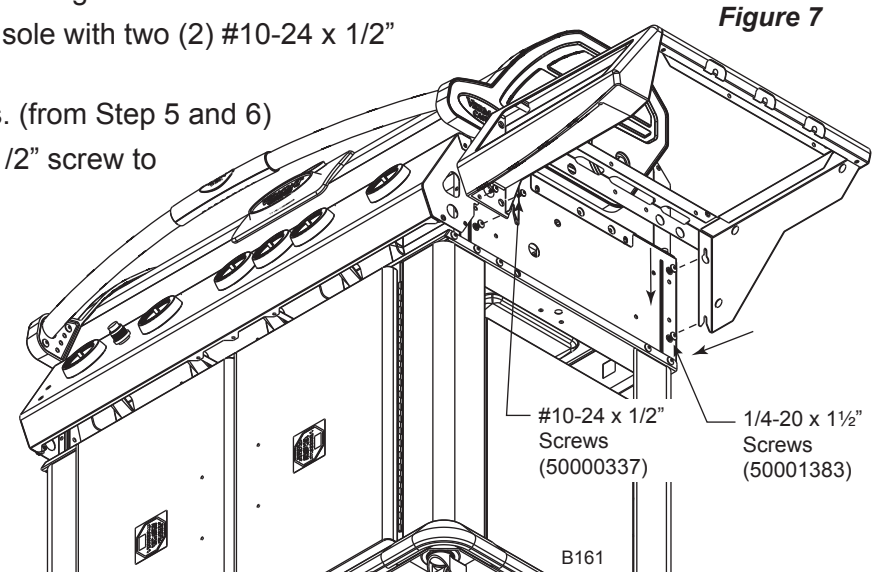
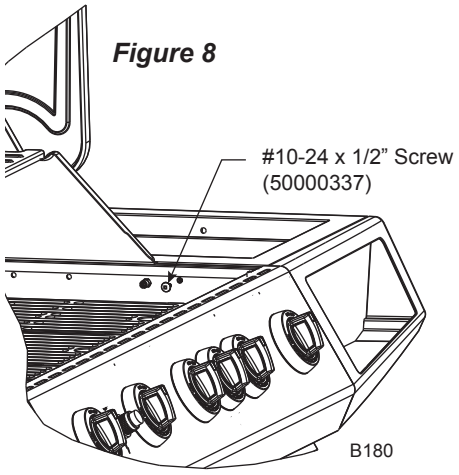


Figure 8



CAUTION: Some parts may have sharp edges; to avoid injury, wearing gloves during assembly, lifting or moving the grill is recommended.

Step 9: Attach Left Shelf Assemblies to Grill

Parts Required:

Left Shelf Assembly

(1) Left Shelf Assy. (Step 6)
(4) 1/4-20 x 1½" Screws (50001383)
(4) #10-24 x 1/2" Screws (50000337)
(1) Marinating Station Tray Plastic
(1) Heat Shield Marinating Tray
(2) #10-24 K-lock Nut (50000182)

Refer to Figures 7 & 8 for shelf assembly attachment

Refer to Figures 9 & 10 for heat shield and marinating station installation

Loosely screw in (4-5 turns) four (4) 1/4-20 x 1½" screws to the side of the grill.

Place left shelf assembly onto screws.

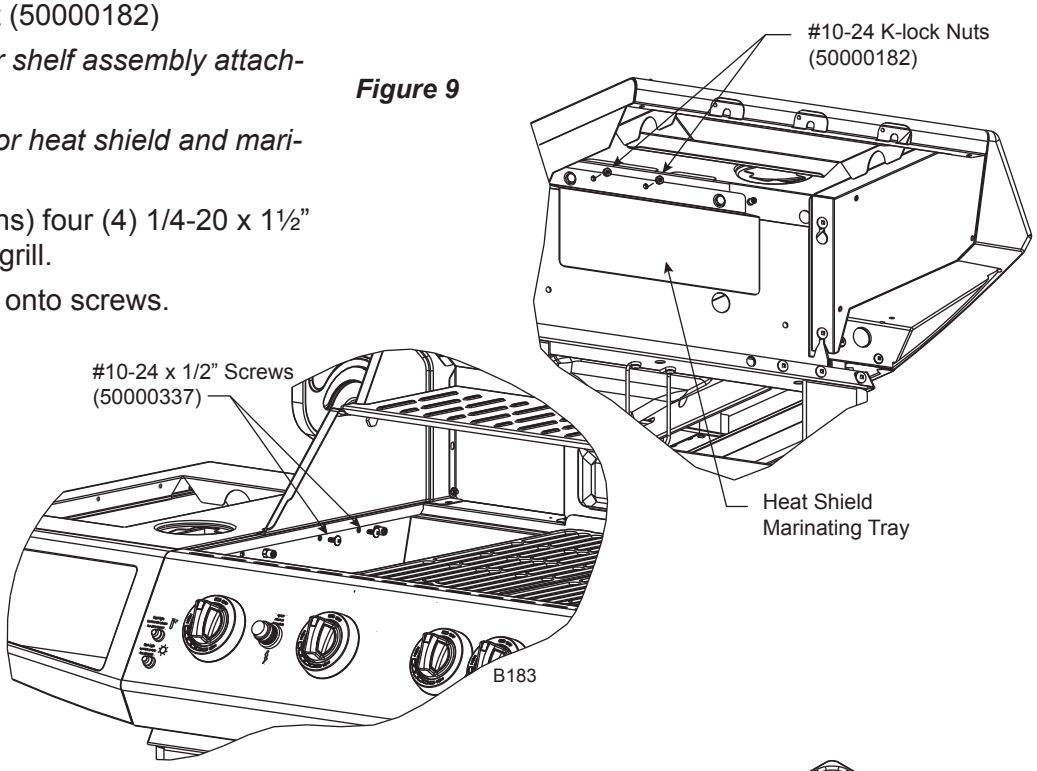
Secure (tighten) four (4) screws to the grill.

Secure condiment tray to the console with two (2) #10-24 x 1/2" screws.

Tighten two (2) remaining screws. (from Step 6 and 7)

From inside grill, attach 10-24 x 1/2" screw to the left shelf assy.

Figure 9



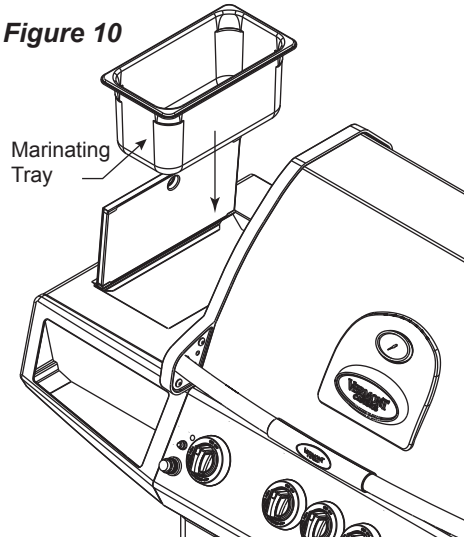
Attach heat shield marinating tray to left side of grill. Insert two (2) #10-24 x 1/2" screws through grill side and secure with two (2) #10-24 K-lock nuts. (Fig. 9)

Insert marinating station tray plastic into left side shelf. (Fig. 10)

NOTE: For side shelf opening: if you have any problems opening or closing, loosen the hinge bolts and adjust.

For VM658, install shelf light according to Electronics Installation Instructions, #50003699.

Figure 10



NOTE: For grill models with a marinating station: Loosen the two (2) bolts and nuts securing the heat shield marinating tray to the grill body. (Fig. 9) Attach the rotisserie motor bracket using the same mounting holes. Secure both the bracket and heat shield using bolts and nuts provided.

CAUTION: Some parts may have sharp edges; to avoid injury, wearing gloves during assembly, lifting or moving the grill is recommended.

Step 10: Attach Side Burner Assembly

Follow Side Burner Assembly Instructions to assemble side burner to unit.

Step 11: Attach Knobs (If not installed)

Parts Required:

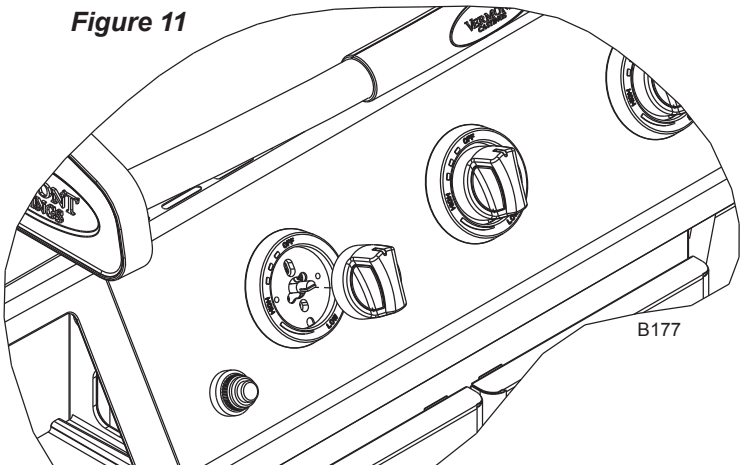
VM508: (5) Knobs
VM658: (6) Knobs

Figure 11

NOTE: Depending on your model, your grill may require 5 or 6 knobs. VM508 is equipped with five (5) knobs. VM658 is equipped with six (6) knobs.

Align the knobs on the valve stems and push inward until the knob sits snugly on the stem.

Figure 11



Step 12: Install the Battery

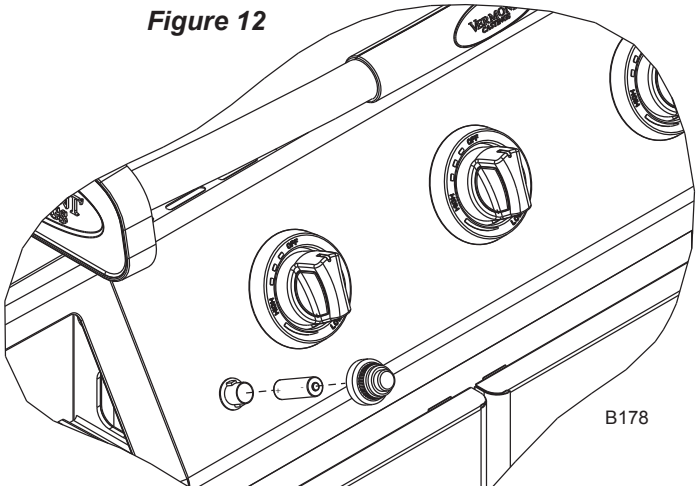
NOTE: Model 508 requires one (1) "AAA" battery. Model 658 requires one (1) "AA" battery.

Figure 12

Unscrew the ignition button from the console and insert the appropriate battery into the housing by placing the positive side of the battery first. Then screw the ignition button back into the console.

Check for sparks under each main burner before proceeding.

Figure 12



Step 13: Install the Backlighting Batteries

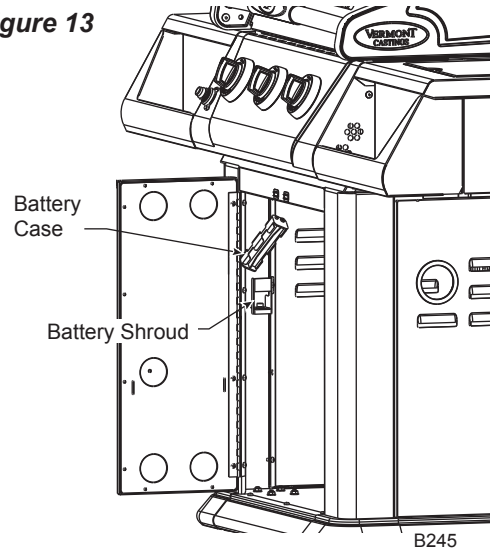
NOTE: Eight (8) "AA" batteries are required for all grill models. (Not included)

Figure 13

Remove the battery case from the battery holder. Insert the eight (8) "AA" batteries. Attach battery case to back light wire connection. Reinstall battery case in battery holder with back light connector on the top.

WARNING: Replacing the battery incorrectly might result in an explosion. Replace the battery only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to your local environmental guidelines.

Figure 13



CAUTION: Some parts may have sharp edges; to avoid injury, wearing gloves during assembly, lifting or moving the grill is recommended.

Step 14: Install the Internal Components

Parts Required:

VM508: (4) Sear Plates
(3) Cooking Grates
(1) Warming Rack

VM658: (5) Sear Plates
(4) Cooking Grates
(1) Warming Rack

Figures 14 & 15

Carefully place each of the sear plates side by side inside the barbecue. Make sure the semicircular finger groove is facing toward the front of the grill. Each sear plate rests just above each burner tube.

Set the cooking grates, side by side, on the upper ledge of the grill tub. Make sure the finger groove is facing toward the front of the grill.

Set the warming rack into the supports located on either side of the rear lid.

NOTE: One side of the grate surface is rounded and more suitable for meats. The other side is flat and more suitable for delicate foods (i.e. fish). The grates can be turned over according to your preference.

CAUTION: Do not attempt to turn the cooking grates over while the grill is in use and the grates are hot. Doing so could result in severe burns and other injuries.

Figure 14

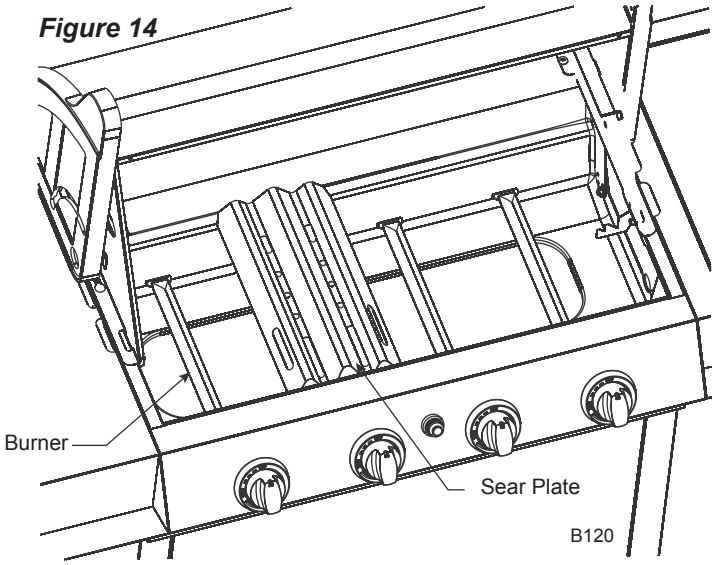
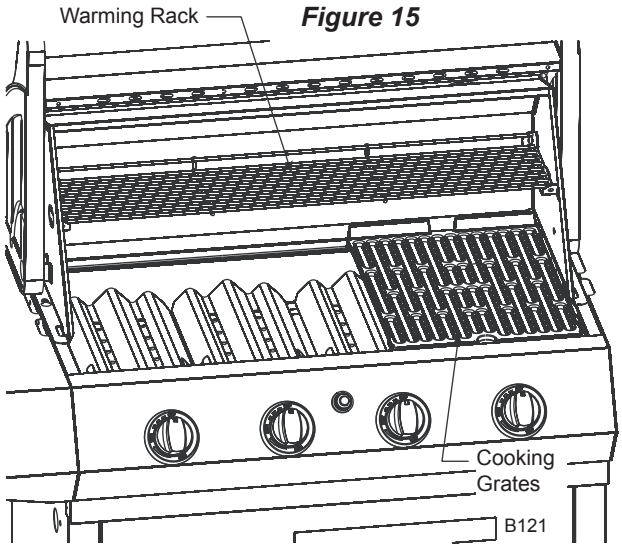


Figure 15



CAUTION: Some parts may have sharp edges; to avoid injury, wearing gloves during assembly, lifting or moving the grill is recommended.

Step 15: Interior Shelf Installation

(Model VM658)

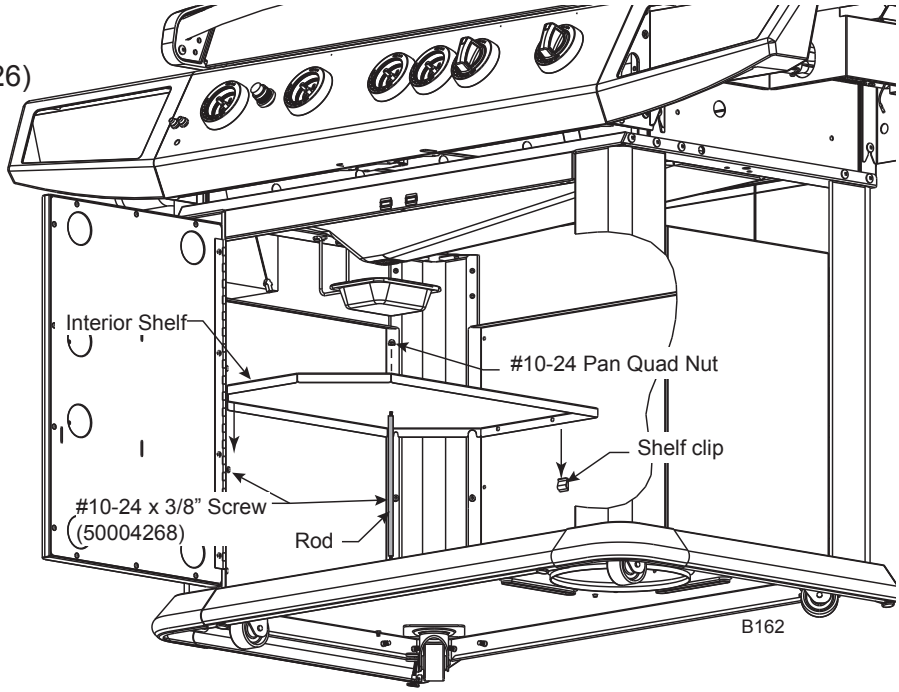
Parts Required:

(2) #10-24 x 3/8” Screws (50004268
(1) Rod
(1) Washer Nylon (50000192)
(1) 10-24 Pan Quad. Nut (10006126)
(1) Interior Shelf

Figure 16

Place two (2) 10-24 x 3/8” screws on the threaded holes located on left side panel. Install the rod in hole in bottom panel. Make sure the connection between the rod and the bottom panel is tight. Place washer nylon on top of rod. Slide interior shelf in place. Back flange edge of shelf slides into clip on back panel. Use 10-24 Pan Quad nut to secure interior shelf to rod.

Figure 16



Step 16: Attach Tank Retainer

(Model VM508 Series Only)

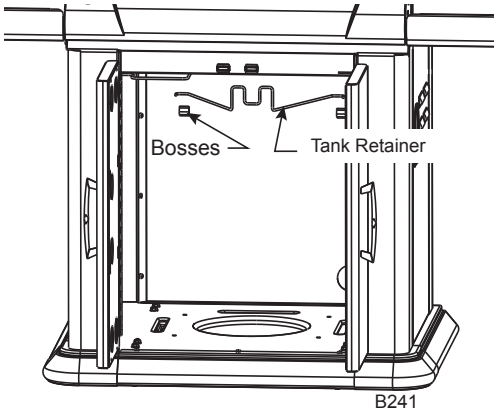
Parts Required:

(1) Tank Retainer

Figure 17

Attach tank retainer to back panel as shown by pressing retainer into back panel bosses.

Figure 17



Step 17: Install LP Tank Pull Out Drawer Assembly

For VM658 Models only.

Follow Pull Out Drawer Assembly instructions to assemble.

CAUTION: Some parts may have sharp edges; to avoid injury, wearing gloves during assembly, lifting or moving the grill is recommended.

Step 18: Install the LP Cylinder (LP Models ONLY)

Parts Required:

(1) LP Gas Cylinder (not included)

Figures 18 & 19

NOTE: Check your User's Manual for the cylinder filling requirements, how to attach the regulator and how to test for leaks before you try lighting the grill.

CAUTION: Make sure the hose is not touching any hot or sharp surfaces.

Place the LP Cylinder into the hole in the bottom panel. Next secure it from moving by lifting the cylinder retainer wire and latching the bent edge over the lip of the cylinder. The final step is to connect the regulator to the cylinder.

CAUTION: Do not turn on/ignite the grill until after performing a leak check at all gas connection points and fittings. With the main LP cylinder valve OPEN, and ALL CONTROL KNOBS FULLY OFF, use a spray solution of 50% liquid soap and 50% water onto all gas connection points and fittings. The formation of bubbles indicates an air leak that must be repaired and verified with this leak test before the grill is ignited.

NOTE: Ensure all plastic coatings have been removed from all stainless steel parts before using the grill.

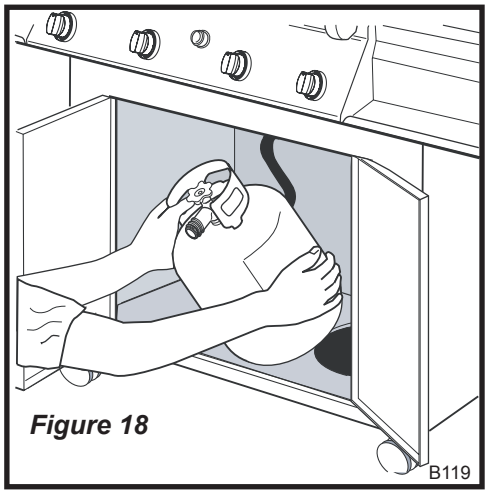


Figure 18

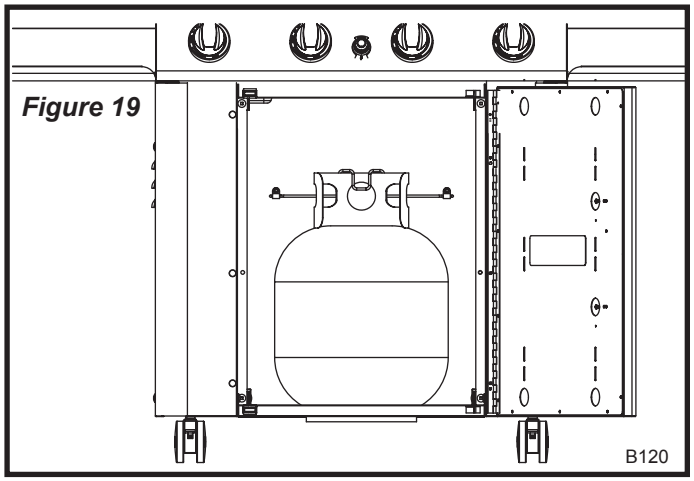


Figure 19

Step 19: Install Natural Gas Supply Line (Natural Gas (NG) Models ONLY)

Figure 20

Run natural gas supply lne through bushing provided in back panel of grill.

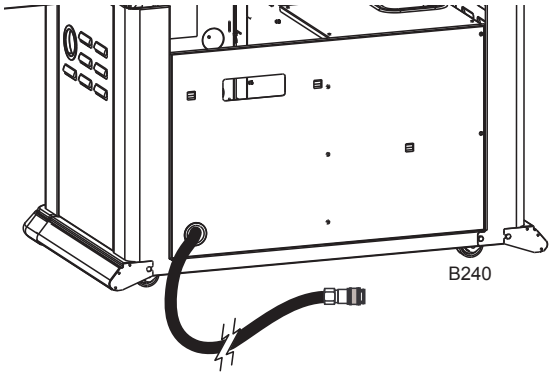


Figure 20

CAUTION: Some parts may have sharp edges; to avoid injury, wearing gloves during assembly, lifting or moving the grill is recommended.

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